

media stream, the media stream or portions of the media stream may still not meet minimum production standards or quality levels for adding the media stream to a media presentation. In these cases, the media presentation producer 212 may notify the capturing user that the quality of the media stream is too low. In addition, the media presentation producer 212 may provide, as part of the notification, the media characteristic(s) that fail to satisfy the minimum standards (e.g., a notification that the signal strength is too weak). Alternatively, presentation producer 212 may add the media stream to a media presentation and provide the media presentation to the distribution manager 214 regardless of the production quality level.

[0072] As mentioned above, in one or more example embodiments, the media presentation producer 212 creates a production media stream by using multiple media streams. As an example, if multiple users are providing media streams that are captured at the same event, the media presentation producer 212 can create a production media stream of the event that includes portions from each of the multiple media streams. In other words, the media presentation producer 212 may switch or cut between each of the multiple media streams to produce a production media stream of the event. For instance, the media presentation system 102 can establish a media stream connection with a client device associated with a viewing user, and the media presentation producer 212 can alternate between providing each of the multiple media streams via the media stream connection with the client device.

[0073] In determining which media stream form the multiple media streams to use when creating a production media stream, the media presentation producer 212 may consider the media characteristics of each media stream. As an example, two capturing users can each provide a media stream of a performer at a concert. Based on the media characteristics for each of the media streams (discussed above with respect to the media characteristic evaluator 210), the media presentation producer 212 determines which media stream to use for the production media stream. For instance, the media presentation producer 212 can determine that the two media streams have comparable media characteristics and, as such, the media presentation producer 212 regularly switches between using each of the two media streams.

[0074] In another instance, the media presentation producer 212 can determine that the first media stream has better media characteristics for a first period of time and that the second media stream has better media characteristics for a second period of time. As such, the media presentation producer 212 uses the first media stream during the first period of time and switches to the second media stream for the second period of time. Additionally, if the media presentation producer 212 detects that the first media stream again has better media characteristics at a third time period, the media presentation producer 212 can switch back to using the first media stream during the third time period.

[0075] Along similar lines, the media presentation producer 212 can continuously monitor media characteristics provided in the data stream from the media characteristic evaluator 210 for each media stream. Using the data stream, the media presentation producer 212 can select, in real-time or near-real-time, the media stream that has superior media characteristics to provide in the production media stream. Accordingly, when the media presentation producer 212

detects a change in media characteristics between related media streams, the media presentation producer 212 may dynamically determine whether the current media stream should continue to be provided, or if the media presentation producer 212 should select another media stream.

[0076] The media presentation producer 212 may consider a number of factors when determining whether to switch from one media stream to another media stream to provide in a production media stream. In some example embodiments, rather than automatically selecting a media stream from a group of related media streams to provide in a production media stream, the media presentation producer 212 may enable a user to select the media stream to use in the production media stream. For example, the media presentation producer 212 can provide an indication of multiple related media streams to a client device associated with a user. The media presentation producer 212 then allows the user to select a media stream to view. Upon user selection, the media presentation producer 212 can provide the selected media stream to the production media stream as well as provide an indication to the user of the selected media stream (e.g., outlining the image of the selected media stream with a particular color or increasing the size of the selected media stream with respect to the size of the other media stream). Further, after the user has selected a media stream, the media presentation producer 212 continues to provide each of the media streams to the client device such that the user can switch to another media stream to use in the production media stream.

[0077] Regardless of whether a media presentation is based on a single media stream or multiple media streams, in one or more embodiments, the media presentation producer 212 can identify notable moments from the media streams associated with a media presentation. Once the media presentation producer 212 identifies a notable moment from a media stream, the media presentation producer 212 can create a media segment that captures the identified notable moment. To illustrate, the media presentation producer 212 may receive three related media streams from three capturing users at the same soccer game. If, during the sporting event, a player scores a goal, the media presentation producer 212 can identify the score as a notable event and create media segments from each media stream capturing the goal (e.g., create three media segments, one from each media stream). As described below, the media presentation producer 212 can include one or more of the media segments showing the goal in the media presentation as a replay or highlight.

[0078] The media presentation producer 212 can identify a notable moment using various techniques. For example, in one or more embodiments, the media presentation producer 212 can monitor an event data feed (e.g., a sports game score feed) and detect when a notable moment occurs. For instance, the media presentation producer 212, based on the event data feed, determine a time frame in which a home run was hit. Using the determined time frame, the media presentation producer 212 can then identify a portion of a media stream associated with the same time frame. Additionally, or alternatively, a capturing user can mark a notable moment while capturing content, and the media stream provided from the client device of the capturing user can include metadata that identifies the notable moment.

[0079] Upon identifying a notable moment, the media presentation producer 212 can create a corresponding media